## We claim:

- 1. A system for printing time-based media, the system comprising: an interface for receiving time-based media from an external source; a network including a printing system and a network device; a media processing system coupled to the interface to receive the time-based media, the media processing system determining a printed representation of the time-based media and an electronic representation of the time-based media, wherein the media processing system resides at least in part on the printing system and at least in part on the network device;
  - a printed output system in communication with the media processing system
    to receive the printed representation, the printed output system
    producing a corresponding printed output from the printed
    representation of the time-based media; and
  - an electronic output system in communication with the media processing system to receive the electronic representation, the electronic output system producing a corresponding electronic output from the electronic representation of the time-based media.
- 2. The system of claim 1, wherein the network device is a personal computer.
- 3. The system of claim 1, wherein the network is a local area network.

- 4. The system of claim 1, further comprising:

  a remote external service system coupled to the network, the external service system in communication with the media processing system for performing at least some processing steps for the time-based media.
- 5. The system of claim 3, wherein the external service system is coupled to the network by the Internet.
- 6. The system of claim 1, wherein the interface comprises a single communication interface allowing the system to be communicatively coupled to an electronic device, the electronic device providing the time-based media to the system.
- 7. The system of claim 1, wherein the interface comprises a removable media storage reader.
- 8. The system of claim 1, wherein the interface comprises a media input device selected from a group consisting of: a DVD reader, a video cassette tape reader, a CD reader, an audio cassette tape reader, and a flash card reader.
- 9. The system of claim 1, wherein the external source is a media broadcaster, and wherein the interface comprises a media broadcast receiver that can be tuned to a media broadcast.

- 10. The system of claim 1, wherein the interface comprises an embedded receiver selected from a group consisting of: an embedded TV receiver, an embedded radio receiver, an embedded short-wave radio receiver, an embedded satellite radio receiver, an embedded two-way radio, and an embedded cellular phone.
- 11. The system of claim 1, wherein the interface comprises an embedded device selected from a group consisting of: an embedded heat sensor, an embedded humidity sensor, an embedded National Weather Service radio alert receiver, and an embedded TV Emergency Broadcast System (EBS) alert monitor.
- 12. The system of claim 1, wherein the interface comprises embedded screen capture hardware.
- 13. The system of claim 1, wherein the interface comprises an ultrasonic pen capture device.
- 14. The system of claim 1, wherein the interface comprises an embedded video recorder, wherein the external source of media is a series of images captured by embedded the video recorder, converted into an electrical format, and then provided to the media processing system.
- 15. The system of claim 1, wherein the interface comprises an embedded audio recorder, wherein the external source of media is a series of sounds that are

converted into an electrical format by the embedded audio recorder and then provided to the media processing system.

- 16. The system of claim 1, wherein the electronic output system is configured to write the electronic representation to a removable media storage device.
- 17. The system of claim 16, wherein the removable storage device is selected from a group consisting of: a DVD, a video cassette tape, a CD, an audio cassette tape, a flash card, a computer disk, an SD disk, and a computer-readable medium.
- 18. The system of claim 1, wherein the electronic output system comprises a handling mechanism to accommodate a plurality of removable storage devices.
- 19. The system of claim 18, wherein the handling mechanism is selected from a group consisting of: a feeder, a bandolier, and a tray.
- 20. The system of claim 1, wherein the electronic output system comprises a media writer selected from a group consisting of: a disposable media writer and a self-destructing media writer.
- 21. The system of claim 1, wherein the electronic output system is coupled to a speaker system and sends an audio signal to the speaker system.

- 22. The system of claim 21, wherein the electronic output system comprises an embedded sound player for generating the audio signal.
- 23. The system of claim 1, wherein the electronic output system comprises an embedded web page display.
- 24. The system of claim 1, wherein the media processing system comprises an embedded multimedia server.
- 25. The system of claim 1, wherein the media processing system comprises an embedded audio encryption module.
- 26. The system of claim 1, wherein the media processing system comprises an embedded video encryption module.
- 27. The system of claim 1, wherein the media processing system comprises an embedded audio sound localization module.
- 28. The system of claim 1, wherein the media processing system comprises an embedded video motion detection module.
- 29. The system of claim 1, wherein the network device includes a user interface that provides information to a user about at least one of the printed

representation and the electronic representation of the time-based media, the user interface further accepting input from a user to cause the media processing system to modify at least one of the printed representation and the electronic representation of the time-based media.

- 30. The system of claim 1, wherein the media processing system determines at least one of the printed representation and the electronic representation with assistance from an external computing device.
  - 31. A networked printing system comprising:

a network;

- a printing device coupled to the network, the printing device including:

  an input source for receiving time-based media,
  - a first output source coupled to the input source, the first output source producing a printed representation of the time-based media, and
  - a second output source coupled to the input source, the second output source producing an electronic representation of the time-based media, the electronic representation of the time-based media corresponding to the printed representation of the time-based media; and

- a computing device coupled to the network, wherein the computing device and the printing device process the time-based media to produce the printed representation and the electronic representation.
- 32. The system of claim 31, wherein the input source comprises a single communication interface allowing the printer to be communicatively coupled to an electronic device, the electronic device providing the media to the printer.
  - 33. The system of claim 31, wherein the network is a local area network.
- 34. The system of claim 31, wherein the input source comprises a media input device selected from a group consisting of: a removable media storage reader, a DVD reader, a video cassette tape reader, a CD reader, an audio cassette tape reader, and a flash card reader.
- 35. The system of claim 31, wherein the input source comprises a media broadcast receiver that can be tuned to a media broadcast.
- 36. The system of claim 31, wherein the input source comprises an embedded receiver selected from a group consisting of: an embedded TV receiver, an embedded radio receiver, an embedded short-wave radio receiver, an embedded satellite radio receiver, an embedded two-way radio, and an embedded cellular phone.

- 37. The system of claim 31, wherein the input source comprises an embedded device selected from a group consisting of: an embedded heat sensor, an embedded humidity sensor, an embedded National Weather Service radio alert receiver, and an embedded TV Emergency Broadcast System (EBS) alert monitor.
- 38. The system of claim 31, wherein the input source comprises embedded screen capture hardware.
- 39. The system of claim 31, wherein the input source comprises an ultrasonic pen capture device.
- 40. The system of claim 31, wherein the input source comprises an embedded video recorder, wherein the external source of media is a series of images captured by embedded the video recorder, converted into an electrical format, and then provided to the media processing system.
- 41. The system of claim 31, wherein the input source comprises an embedded audio recorder, wherein the external source of media is a series of sounds that are converted into an electrical format by the embedded audio recorder and then provided to the media processing system.
- 42. The system of claim 31, wherein the second output source is configured to write the electronic representation to a removable media storage device.

- 42. The system of claim 43, wherein the removable storage device is selected from a group consisting of: a DVD, a video cassette tape, a CD, an audio cassette tape, a flash card, a computer disk, an SD disk, and a computer-readable medium.
- 44. The system of claim 31, wherein the second output source comprises a handling mechanism to accommodate a plurality of removable storage devices.
- 44. The system of claim 45, wherein the handling mechanism is selected from a group consisting of: a feeder, a bandolier, and a tray.
- 46. The system of claim 31, wherein the second output source comprises a media writer selected from a group consisting of: a disposable media writer and a self-destructing media writer.
- 47. The system of claim 31, wherein the second output source is coupled to a speaker system and sends an audio signal to the speaker system.
- 48. The system of claim 47, wherein the second output source comprises an embedded sound player for generating the audio signal.
- 49. The system of claim 31, wherein the second output source comprises an embedded web page display.

- 50. A method for printing time-based media, the method comprising:

  receiving time-based media from an external source;

  processing the time-based media to determine a printed representation of the time-based media and an electronic representation of the time-based media, the processing performed at least in part within a printing system and in part within a network device coupled to the printing system via a network;
  - producing a printed output that corresponds to the printed representation of the time-based media; and
  - producing an electronic output that corresponds to the electronic representation of the time-based media.
- 51. The method of claim 50, wherein the time-based media are received via a single communication interface.
- 52. The method of claim 50, wherein the time-based media are received from a removable media storage reader of the printing system.
- 53. The method of claim 50, wherein the time-based media are received from a video input device of the printing system selected from a group consisting of: a DVD reader, a video cassette tape reader, and a flash card reader.

- 54. The method of claim 50, wherein the time-based media are received from an audio input device of the printing system selected from a group consisting of: a CD reader, an audio cassette tape reader, and a flash card reader.
- 55. The method of claim 50, wherein the time-based media are received from a media broadcast receiver of the printing system, the media broadcast receiver tunable to a media broadcast.
- 56. The method of claim 50, wherein the time-based media are received from an embedded receiver selected from a group consisting of: an embedded TV receiver, an embedded radio receiver, an embedded short-wave radio receiver, an embedded satellite radio receiver, an embedded two-way radio, and an embedded cellular phone.
- 57. The method of claim 50, wherein the time-based media are received from an embedded device selected from a group consisting of: an embedded heat sensor, an embedded humidity sensor, an embedded National Weather Service radio alert receiver, and an embedded TV Emergency Broadcast System (EBS) alert monitor.
- 58. The method of claim 50, wherein the time-based media are received from embedded screen capture hardware.
- 59. The method of claim 50, wherein the time-based media are received from an ultrasonic pen capture device.

- 60. The method of claim 50, wherein the time-based media are received from an embedded video recorder, wherein the external source is a series of images captured by embedded the video recorder, converted into an electrical format, and then provided to the media processing system.
- 61. The method of claim 50, wherein the time-based media are received from an embedded audio recorder, wherein the external source is a series of sounds that are converted into an electrical format by the embedded audio recorder and then provided to the media processing system.
- 62. The method of claim 50, wherein producing the electronic output comprises writing the electronic representation to a removable media storage device.
- 63. The method of claim 62, wherein the removable storage device is selected from a group consisting of: a DVD, a video cassette tape, a CD, an audio cassette tape, a flash card, a computer disk, an SD disk, and a computer-readable medium.
- 64. The method of claim 50, wherein a disposable media writer produces the electronic output.
- 65. The method of claim 50, wherein a self-destructing media writer produces the electronic output.

- 66. The method of claim 50, wherein producing the electronic output comprises generating an audio signal for playback by a speaker system.
- 67. The method of claim 50, wherein producing the electronic output comprises generating a video signal for playback by a display system.